Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3614	cholester$4 with (liquid adj crystal)	USPAT	OR	ON	2004/05/13 09:06
S2	396	(cholester$4 with (liquid adj crystal)) same (circular$3 with polariz$5)	USPAT	OR	ON	2004/05/13 09:12
S3	7	"369"/$7.ccls. and ((cholester$4 with (liquid adj crystal)) same (circular$3 with polariz$5))	USPAT	OR	ON	2004/05/13 10:16
S4	8	(cholester$4 with (liquid adj crystal)) same (circular$3 with polariz$5) same (diffract$3 grating)	USPAT	OR	ON	2004/05/13 09:39
S5	31	(cholester$4 with (liquid adj crystal)) with (diffract$3 grating)	USPAT	OR	ON	2004/05/13 10:01
S6	1	((cholester$4 with (liquid adj crystal)) with (diffract$3 grating)) and "369"/$7.ccls.	USPAT	OR	ON	2004/05/13 09:40
S7	5	((cholester$4 with (liquid adj crystal)) with (diffract$3 grating)) same (circular$2 near2 polariz$5)	USPAT	OR	ON	2004/05/13 10:01
S8	7	"369"/$7.ccls. and ((cholester$4 with ((liquid adj crystal) birefringen$2)) same (circular$3 with polariz$5))	USPAT	OR	ON	2004/05/13 10:17
S9	17	"369"/$7.ccls. and ((enhanc$5 improv$5 better$3 efficien$4) with (circular$3 with polariz$5))	USPAT	OR	ON	2004/05/13 10:37
S10	141	369/112.02.ccls.	USPAT	OR	ON	2004/05/13 10:45
S11	73	369/112.02.ccls. and (liquid adj crystal)	USPAT	OR	ON	2004/05/13 10:37
S12	73	369/112.02.ccls. and ((liquid adj crystal) cholesteric)	USPAT	OR	ON	2004/05/13 10:38
S14	2	369/112.02.ccls. and ((liquid adj crystal) with cholesteric)	USPAT	OR	ON	2004/05/13 11:27
S15	30	369/112.02.ccls. and (circular$2 near2 polariz$5)	USPAT	OR	ON	2004/05/13 10:45
S16	44	369/112.08.ccls.	USPAT	OR	ON	2004/05/13 11:29
S17	42	369/112.03.ccls.	USPAT	OR	ON	2004/05/13 11:29
S18	0	369/112.03.ccls. and 369/112.02.ccls.	USPAT	OR	ON	2004/05/13 11:29
S19	22	"369"/$7.ccls. and ((grating diffraction) with (polarization near2 dependen$2))	USPAT	OR	ON	2004/05/13 09:05
S20	919	"369"/$7.ccls. and (liquid$1crystal (liquid adj crystal))	USPAT	OR	ON	2004/05/11 17:59

S21	76	"369"/$7.ccls. and ((liquid$1crystal (liquid adj crystal)) same (diffract$3 grating))	USPAT	OR	ON	2004/05/11 18:00
S22	42	"369"/$7.ccls. and ((liquid$1crystal (liquid adj crystal)) with (diffract$3 grating))	USPAT	OR	ON	2004/05/12 13:02
S23	5937	tetsuo.in.	USPAT	OR	ON	2004/05/11 18:04
S24	0	tetsuo-hosomi.in.	USPAT	OR	ON	2004/05/11 18:04
S25	0	hosomi-tetsuo.in.	USPAT	OR	ON	2004/05/11 18:04
S26	4267	tetsuo.in. and matsushita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:04
S27	0	tetsuo-hosomi.in. and matsushita. as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:05
S28	2	"10083560".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:13
S29	66	nagashima-kanji.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:13
S30	135	nagashima-kenji.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:14
S31	28	nagashima-kenji.in. and matsushita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:14
S32	3	nagashima-kenji.in. and matsushita.as. and (liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:14
S33	3	"369"/$7.ccls. and ((liquid$1crystal (liquid adj crystal)) with (diffract$3 grating)) and (polarization near4 dependen$4)	USPAT	OR	ON	2004/05/11 18:34

S34	6	"369"/$7.ccls. and ((liquid$1crystal (liquid adj crystal)) with (diffract$3 grating)) and (grating with blaz$3)	USPAT	OR	ON	2004/05/12 09:52
S35	424	hendriks.in.	US-PGPUB	OR	ON	2004/05/12 09:18
S36	14	hendriks.in. and birefringen$2	US-PGPUB	OR	ON	2004/05/12 09:18
S37	1	"369"/$7.ccls. and ((liquid$1crystal (liquid adj crystal)) with (diffract$3 grating) with cholesteric)	USPAT	OR	ON	2004/05/12 17:17
S38	2	"369"/$7.ccls. and ((liquid$1crystal (liquid adj crystal)) with (diffract$3 grating)) and cholesteric	USPAT	OR	ON	2004/05/12 09:53
S39	8	("5748603" | "5787061" | "5798994" | "5877876" | "6172792" | "6201589" | "6304312" | "6370093").PN.	USPAT	OR	ON	2004/05/12 10:43
S40	11	"369"/$7.ccls. and ((liquid$1crystal (liquid adj crystal) birefringent) with (diffract$3 grating)) and (grating with blaz$3)	USPAT	OR	ON	2004/05/12 12:35
S41	169	"369"/$7.ccls. and ((polarizer (polariz$5 near2 (means device chang$3))) same (diffract$3 grating))	USPAT	OR	ON	2004/05/12 13:05
S42	384	"369"/$7.ccls. and ((polarizer (wave adj plate) (polariz$5 near2 (means device chang$3))) same (diffract$3 grating))	USPAT	OR	ON	2004/05/12 13:05
S43	36	("3999009" | "4441179" | "4450553" | "4637697" | "4731772" | "4733065" | "4733943" | "4757197" | "4758062" | "4876680" | "4929823" | "4945529" | "4986641" | "5017000" | "5056908" | "5062098" | "5073007" | "5111448" | "5116111" | "5122903" | "5129718" | "5134604" | "5161040" | "5175651" | "5177349" | "5202875" | "5218471" | "5227915" | "5229797" | "5243590" | "5245596" | "5251198" | "5278816" | "5303224" | "5344447" | "5442480").PN.	USPAT	OR	ON	2004/05/12 14:25
S44	4	lino$1 with (birefringen$3 crystal)	USPAT	OR	ON	2004/05/12 16:09
S45	30	("lino.sub.3" lino3) with (birefringen$3 crystal)	USPAT	OR	ON	2004/05/12 16:10

S46	2	("lino.sub.3" lino3) with (birefringen$3 (liquid adj crystal))	USPAT	OR	ON	2004/05/12 16:10
S47	2242	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal))	USPAT	OR	ON	2004/05/12 17:18
S48	665	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal) with cur$4)	USPAT	OR	ON	2004/05/12 17:25
S49	6	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal) with cur$4) and "369"/$7. ccls.	USPAT	OR	ON	2004/05/12 17:19
S50	15	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal) with cur$4 with (benefit$3 improv$4 enhanc$3 better$3 $2expensive cheap$3 easier))	USPAT	OR	ON	2004/05/12 17:30
S51	1	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal) with cur$4 with (benefit$3 improv$4 enhanc$3 better$3 $2expensive cheap$3 easier)) and ((grating diffract$3) with (birefringen$2 (liquid adj crystal lc$1)))	USPAT	OR	ON	2004/05/12 17:29
S52	42	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal) with cur$4) and ((grating diffract$3) with (birefringen$2 (liquid adj crystal lc$1)))	USPAT	OR	ON	2004/05/12 17:29
S53	1	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal) with cur$4 with (benefit$3 improv$4 enhanc$3 better$3 $2expensive cheap$3 easier prefer$5)) and ((grating diffract$3) with (birefringen$2 (liquid adj crystal lc$1)))	USPAT	OR	ON	2004/05/12 17:29
S54	36	(((ultra adj violet) uv u-v ultra$1violet) with (liquid adj crystal) with cur$4 with (benefit$3 improv$4 enhanc$3 better$3 $2expensive cheap$3 easier prefer$4))	USPAT	OR	ON	2004/05/12 17:44
S55	38	(((ultra adj violet) uv u-v ultra$1violet acrylic) with ((liquid adj crystal) birefringen$2) with cur$4 with (benefit$3 improv$4 enhanc$3 better$3 $2expensive cheap$3 easier prefer$4))	USPAT	OR	ON	2004/05/12 17:32

S56	18	((((ultra adj violet) uv u-v ultra$1violet acrylic) with ((liquid adj crystal) birefringen$2) with cur$4 with (benefit$3 improv$4 enhanc$3 better$3 $2expensive cheap$3 easier prefer$4))) and (acrylic with ((liquid adj crystal) birefringen$2))	USPAT	OR	ON	2004/05/12 17:33
S57	0	((((ultra adj violet) uv u-v ultra$1violet acrylic) with ((liquid adj crystal) birefringen$2) with cur$4 with (benefit$3 improv$4 enhanc$3 better$3 $2expensive cheap$3 easier prefer$4))) and (acrylic with ((liquid adj crystal) birefringen$2)) and ((grating diffract$3) with ((liquid adj crystal) birefringen$2))	USPAT	OR	ON	2004/05/12 17:35
S58	45	(acrylic with ((liquid adj crystal) birefringen$2)) and ((grating diffract$3) with ((liquid adj crystal) birefringen$2))	USPAT	OR	ON	2004/05/12 17:35
S59	3	(acrylic with ((liquid adj crystal) birefringen$2)) and ((grating diffract$3) with ((liquid adj crystal) birefringen$2)) and "369"/$7.ccls.	USPAT	OR	ON	2004/05/12 17:35
S60	3312	(((ultra adj violet) uv u-v ultra$1violet) with (photo$1lithography photo$1polymerization))	USPAT	OR	ON	2004/05/12 17:44
S61	833	(((ultra adj violet) uv u-v ultra$1violet) with (photo$1lithography photo$1polymerization) with cur$4)	USPAT	OR	ON	2004/05/12 17:45
S62	25	(((ultra adj violet) uv u-v ultra$1violet) with (photo$1lithography photo$1polymerization) with cur$4) same (birefringen$2 (liquid adj crystal))	USPAT	OR	ON	2004/05/12 17:45
S63	1	((((ultra adj violet) uv u-v ultra$1violet) with (photo$1lithography photo$1polymerization) with cur$4) same (birefringen$2 (liquid adj crystal))) and "369"/$7.ccls.	USPAT	OR	ON	2004/05/12 17:46
S64	62	(((ultra adj violet) uv u-v ultra$1violet) with (photo$1lithography photo$1polymerization) with cur$4) and "369"/$7.ccls.	USPAT	OR	ON	2004/05/12 17:47

S65	0	(((ultra adj violet) uv u-v ultra$1violet) with (photo$1lithography photo$1polymerization) with cur$4) and "369"/$7.ccls. and ((grating diffract$4) with (birefringen$2 (liquid adj crystal)))	USPAT	OR	ON	2004/05/12 17:48
S66	8	(((ultra adj violet) uv u-v ultra$1violet) with (photo$1lithography photo$1polymerization) with cur$4) and ((grating diffract$4) with (birefringen$2 (liquid adj crystal)))	USPAT	OR	ON	2004/05/12 17:48
S67	19	("720"/$7 "369"/$7).ccls. and ((phase adj modulat$4) with (hoe hologra$4))	USPAT	OR	ON	2004/12/15 09:15
S68	390	("720"/$7 "369"/$7).ccls. and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar$7))	USPAT	OR	ON	2004/12/15 09:18
S69	49	("720"/$7 "369"/$7).ccls. and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar$7)) and ((blaz$3 saw$1tooth (saw adj tooth) step$5) near3 (grating hoe hologra$4))	USPAT	OR	ON	2004/12/15 09:50
S70	1	"6052353".pn.	USPAT	OR	ON	2004/12/15 09:48
S71	6	("720"/$7 "369"/$7).ccls. and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra$4)) and ((blaz$3 saw$1tooth (saw adj tooth) step$5) near3 (grating hoe hologra$4)) and ((polarizor polarizer ((polarizing polarization) near2 (device means mechanism lens plate)) ((chang$3 adjust$5 rotat$3) near4 ((orientation direction) near3 polarization))) with (selectively (as adj needed) according$2 based dependen$2 (on near3 off) ((cd$4 near2 dvd$4) ((disc disk medium carrier) near3 (thick$4 type)))))	USPAT	OR	ON	2004/12/15 14:29

S72	11	("720"/$7 "369"/$7).ccls. and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra$4) with polar$7) and ((polarizor polarizer ((polarizing polarization) near2 (device means mechanism lens plate)) ((chang$3 adjust$5 rotat$3) near4 ((orientation direction) near3 polarization))) with (selectively (as adj needed) according$2 based dependen$2 (on near3 off) ((cd$4 near2 dvd$4) ((disc disk medium carrier) near3 (thick$4 type)))))	USPAT	OR	ON	2004/12/15 10:32
S73	58	("720"/$7 "369"/$7).ccls. and ((polarizer ((polarization polarizing) near2 (device means mechanism lens plate))) with ((mov$3 adj2 (in$2 near2 out)) (on near2 off) (appl$7 near3 voltage) electrode (selective$2 near2 (polariz$5 chang$3 adjust$4))))	USPAT	OR	ON	2004/12/15 10:41
S74	58	("720"/$7 "369"/$7).ccls. and ((polarizer ((polarization polarizing) near2 (device means mechanism lens plate))) with (((mov$3 discplac$3 dispos$3 actuat$3) adj2 (in$2 near2 out)) (on near2 off) (appl$7 near3 voltage) electrode (selective$2 near2 (polariz$5 chang$3 adjust$4))))	USPAT	OR	ON	2004/12/15 13:33
S75	3	S74 and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra$4))	USPAT	OR	ON	2004/12/15 10:44
S76	4	S74 and ((birefringen$2 cholesteric (doubl$2 near2 refract$3) (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra$4))	USPAT	OR	ON	2004/12/15 10:44
S77	4	("5446565" | "5495461" | "5594713" | "5638353").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 10:51

S78	63	("720"/$7 "369"/$7).ccls. and ((polarizer ((polarization polarizing) near2 (device means mechanism lens plate))) with ((((mov$3 discplac$3 dispos$3 actuat$3) adj2 (in$2 near2 out)) (on near2 off) (appl$7 near3 voltage) electrode (selective$2 near3 (polariz$5 ((chang$3 adjust$4 rotat$3) near3 (direction orientation))))))	USPAT	OR	ON	2004/12/15 13:34
S79	36	("720"/$7 "369"/$7).ccls. and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar$7 near3 (based depend$4)))	USPAT	OR	ON	2004/12/15 14:31
S80	64	("720"/$7 "369"/$7).ccls. and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar$7 near3 (based depend$4 select$5)))	USPAT	OR	ON	2004/12/15 14:31
S81	23	("720"/$7 "369"/$7).ccls. and ((birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar$7 near3 (based depend$4 select$5))) and (diffract$3 adj grating)	USPAT	OR	ON	2004/12/15 14:32
S82	3	("369"/$7 "720"/$7).ccls. and (((diffraction adj grating) with (polar$7 near3 (select$5 depend$5 based))) same (birefringen$2 cholesteric (lithium adj niobate) (liquid adj crystal)))	USPAT	OR	ON	2004/12/15 17:03
S83	14	("5745465" | "5757742" | "5802029" | "5909416" | "5912868" | "5914926" | "5917798" | "5923626" | "5930219" | "5936920" | "5974020" | "6049518" | "6078554" | "6088317").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 16:23
S84	7	("369"/$7 "720"/$7).ccls. and (((diffraction adj grating) with (polar$7 near3 (select$5 depend$5 based))) with efficien$2)	USPAT	OR	ON	2004/12/15 17:04
S85	0	("369"/$7 "720"/$7).ccls. and (((diffraction adj grating) with (polar$7 near3 (select$5 depend$5 based))) with (efficien$2 near3 (increas$3 better improv$5 enhanc$5)))	USPAT	OR	ON	2004/12/15 17:05

S86	0	("369"/$7 "720"/$7).ccls. and ((((diffraction adj grating) with (polar$7 near3 (select$5 depend$5 based))) same (efficien$2 near3 (increas$3 better improv$5 enhanc$5)))	USPAT	OR	ON	2004/12/15 17:07
S87	2	("369"/$7 "720"/$7).ccls. and ((((diffraction adj grating) hologra$4 hoe) with (polar$7 near3 (select$5 depend$5 based))) same (efficien$2 near3 (increas$3 better improv$5 enhanc$5)))	USPAT	OR	ON	2004/12/15 17:07
S88	3	("369"/$7 "720"/$7).ccls. and (((diffraction adj grating) near4 polar$7) same (efficien$2 near3 (increas$3 better improv$5 enhanc$5)))	USPAT	OR	ON	2004/12/15 17:10
S89	2	("369"/$7 "720"/$7).ccls. and ((((diffraction adj grating) hologra$4 hoe) with (polar$7 near3 (select$5 depend$5 based))) with (efficien$2 near3 (increas$3 better improv$5 enhanc$5)))	USPAT	OR	ON	2004/12/15 17:07
S90	2	("369"/$7 "720"/$7).ccls. and ((((diffraction adj grating) hologra$4 hoe) with (polar$7 near3 (select$5 depend$5 based))) with (efficien$2 near3 (increas$3 better improv$5 enhanc$5 more)))	USPAT	OR	ON	2004/12/15 17:08
S91	0	("369"/$7 "720"/$7).ccls. and (((diffraction adj grating) with (polar$7 near3 (select$5 depend$5 based))) same (efficien$2 near3 (increas$3 better improv$5 enhanc$5 more)))	USPAT	OR	ON	2004/12/15 17:07